

VIRBILIS, Stanislaw, mgr inż.; RCHATYNSKI, Ryszard, dr inż.; KOWALSKI, Wiesław,  
mgr inż.

Review of the technical press. Przegl mech 24 no.5:151-156  
10 Mr '65.

DALMA, A., dr inz., RUDZINSKI, Ryszard, dr inz., SOKALSKI, J., dr inz.,  
WIRGILIS, Stanislaw, mgr inz.

Reviews of the technical press. Przegl sech 24 no.6, 1974  
190 25 Mr '65.

WIRBILIS, Stanislaw, mgr inz.; ROHATYNSKI, Ryszard, dr inz.

Reviews of the technical press. Przegl mech 24 no.9:280-  
284 10 My '65.

ROHATYNISKI, Ryszard, dr inz., adiunkt

Influence of the changed head on the consumption and  
power of hydraulic reaction turbines. Przegl mech  
23 no. 2: 39-42 Ja '64.

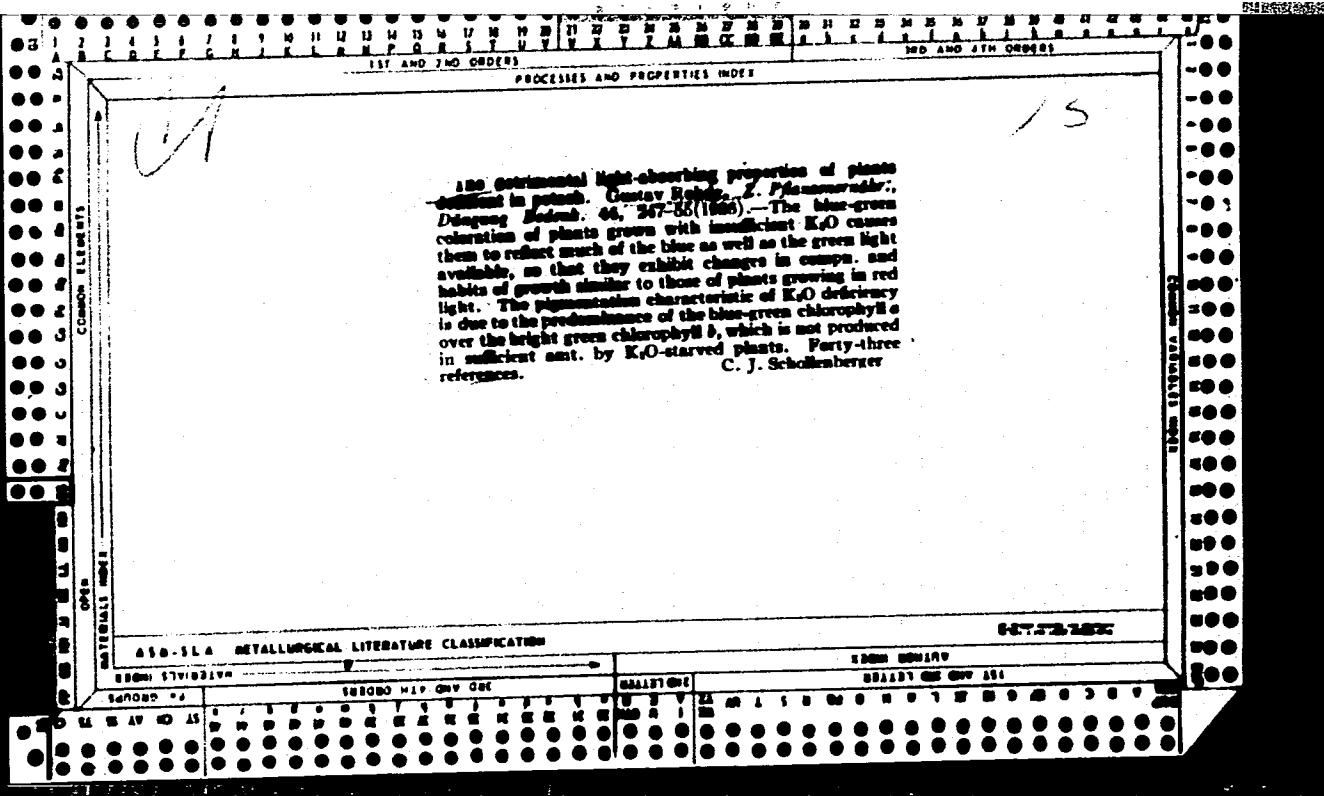
1. Katedra Maszyn Wodnych, Politechnika, Wrocław.

ROHATYNSKI, Ryszard, dr inz.

Geometric interpretation of the mutual relations of the characteristics of rotodynamic hydraulic machines. Energetyka Pol 17 no.9:266-269 S '63.

1. Politechnika, Wroclaw.

\*



ROHDE, K.

"The Use of Statistical Methods in Telephone Engineering."

"Entwicklungsber. Siemens & Halske", 15, 111-22 (Aug., 1952). (Reprint from  
"MittBlatt math. Statist.", 3, No. 2-3(1951). In German.

SO: SCIENCE ABSTRACTS, Section B, Electrical Engineering Abstracts, (April 1953)  
Unclass.

CZYZEWSKI, Witold, mgr., inz.; ZAKRZEWSKI, Tadeusz, inz.; ROHDE, Wladyslaw,  
technik; PETTKE, Norbert, technik; CYWINSKI, Stefan, inz.; KOZIOWSKI,  
Tadeusz, technik; CZARNOTA, Zbigniew, technik

Use of cone shaped white cast iron grinders for cement grinding.  
Energetyka przem 10 no.3:106-107 '62.

HOANG, T.N.; ROHDE, W.; KOTSCHE, R.

Use of papain for the preparation of monolayer tissue cultures; preliminary report. Acta virol. Engl. Ed., Praha 3 no.1:56-58 Jan 59.

1. Clinic of Dermatology, Charite, Berlin, Department of Tissue Culture and Virology, Institute of Microbiology, Hanoi.

(PROTEASES

papain, use for prep. of monolayer tissue cultures)

(TISSUE CULTURE

use of papain for prep. of monolayer cultures)

HUNGARY/Human and Animal Physiology - (Normal and Pathological).  
Nervous System. Higher Nervous Activity. Behavior. T-12

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51328  
Author : Angyan, A.J., Finaly, P., Rohcim. P.  
Inst : Hungarian Academy of Sciences.  
Title : Some Characteristic Changes of Higher Nervous Activity in  
Dogs Following Temporary Ischemisation of the Head.  
Orig Pub : Acta physiol. Acad. sci. hung., 1957, 11, No 2, 225-231.  
Abstract : Following brain ischemisation according to the method of  
Kabat and Dennis (Proc. Soc. Exptl. Biol. and Med., 1938,  
38, 864), salivary and defensive conditioned reflexes (CR)  
disappeared on the first day. Unconditioned reflexes were  
preserved. During the next 3-4 days, considerable excitation  
was observed, as well as disinhibition of CR; differentiation  
became considerably worse, and it was not

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V

Country : HUNGARY  
Category: Pharmacology. Toxicology Tranquilizers.

Abs Jour: RZhBiol., No 6, 1959, No 27717

Author : Kovach, Arisztid; Kleinsorge, Helmuth, Rohcim, Pal;  
Iranyi, Magdolna; Rosner, Klaus

Inst : -  
Title : On Central and Peripheral Action of Pacatal (N-methyl-piperidyl-3-methyl-phenothiazin) in Experiments with Cross Circulation.

Orig Pub: Kiserl. orvostud., 1958, 10, No 2-3, 271-278

Abstract: It was shown on narcotized dogs, by means of a method of cross circulation, that introduction of pacatal (I) into the cerebral blood flow (CBF) leads to an increase of blood pressure, and, into the blood flow of the trunk (BFT), to decrease of blood pressure.

Card : 1/3

V-15

v

Country : HUNGARY  
Category: Pharmacology. Toxicology. Tranquilizers.

Abs Jour: RZhBiol., No 6, 1959, No 27717

In introduction of I with adrenalin (II) into CBF, I inhibits the effect of II; introduction of II into CBF and I into BFT inhibits only peripheral reactions to II and vice versa; central introduction of I inhibits only those peripheral reactions to introduction of II which have a bearing on CBF. Peripheral introduction of I clearly inhibits only the peripheral effects of II introduced into BFT. The influence of I on effects which are conditioned by acetylcholine is less significant than on the effects of II. The action of lobelin is inhibited by I only in cases of introduction of both preparations into the same half of the body. I inhibits the re-

Card : 2/3

KOVACH, Arisztid; KLEINSORGE, Helmuth; ROHEIM, Pal; IRANYI, Magdolna; ROSNER,  
Klaus.

Central and peripheral actions of pacatal (N-methyl-piperidyl-3-methyl-phenothiazine) in cross-circulatory experiments. Kiserletes orvostud.  
10 no. 2-3:271-278 Apr-June 58.

1. Orvostudomanyi Egyetem Elettani Intezete, Budapest es a Friedrich Schiller Egyetem Belgyogyaszati Poliklinika, Jena.

(AUTONOMIC DRUGS, eff.

mepazine on central & peripheral blood circ. in cross-circ. exper. in dogs (Hun))

(TRANQUILLIZING AGENTS, eff.

same)

(BLOOD CIRCULATION, eff. of drugs on

mepazine on central & peripheral circ. in cross-circ. exper. in dogs (Hun))

KOVACH, A.G.; TAKACS, L.; ROHEIM, P.; KISS, S.; KOVACH, E.

The glucose uptake of muscle in shock. Acta physiol. hung. 3 no.2:  
345-355 1952. (CLML 24:3)

1. Of the Institute of Physiology of Budapest University.

KOVACH, Arisztid; TAKACS, Lajos; ROHEIM, Pal

Carbohydrate metabolism in shock; IV. Data on the decrease mechanism of glycogen phosphorylation. Kiserletes orvostud.  
8 no.2:201-204 March 56.

1. Budapesti Orvost. Egyetem Elektani Intezete.

(SHOCK, exper.

eff. on glycogen phosphorylation in muscle extracts  
& homogenates in rats. (Hun))

(GLYCOGEN, metab.

muscle, eff. of exper. shock on phosphorylation in  
extracts & homogenates in rats. (Hun))

(MUSCLES, metab.

glycogen, eff. of exper. shock on phosphorylation in  
extracts & homogenates in rats. (Hun))

(PHOSPHORYLASES, metab.

muscle, eff. of exper. shock on glycogen phosphorylation  
in extracts & homogenates in rats. (Hun))

FOLDI, Mihaly, dr.; KOVACH, Arisztid, dr.; ROHEIM, Pal, dr.; PAPP, Miklos, dr.;  
KOLTAY, Edit

New ways of central neural volume regulation. Orv. hetil. 97  
no. 40:1107 30 Sept 56.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinikajának  
(igazgató: Rusnyák, István, dr. egyet. tanár) és Elettani  
Intézetének (igazgató: Balint, Péter, dr. egyet. tanár) közleménye:

(BLOOD VOLUME

CNS regulation, eff. of exper. hypersalemia (Hun))

(SODIUM CHLORIDE, in blood

hypersalemia, exper., eff. on regulation of blood volume  
by CNS (Hun))

(CENTRAL NERVOUS SYSTEM, physiol.

regulation of blood volume, eff. of exper. hypersalemia  
(Hun))

*Revised 10/10/86*  
IRANYI, M.; KOVACH, A.G.B.; ROHEIM, P.

Salt and water self-selection in ischaemic shock. *Acta physiol. hung.*  
13 no.1:15-19 1957.

1. Institute of Physiology, Medical University, Budapest.

(SHOCK, exper.

water & salt intake in rats after ischemic shock)

(SODIUM CHLORIDE

intake in rats after ischemic shock)

(WATER

same)

KOVACH, A.:TAKACS, L.:ROHEIM, P.:KOVACH, E.

Carbohydrate metabolism in shock. I. Glucose uptake of the muscles  
in shock. Kiserletes orvostud. 4 no. 5:334-340 Oct 1952. (CLML 23:5)

1. Doctor for Kovach, Takacs, Roheim. 2. Physiology Institute of  
Budapest Medical University.

KOVACH, Arisztid, G.B.; ROHEIM, Pal, S.; IRANYI, Magdolna; KISS, Sandor;  
ANTAL, Janos

Effect of isolated perfusion of the head on the development of  
ischemic and hemorrhagic shock. Kiserletes Orvostudomany 11 no.1:  
76-82 Feb 59.

1. Budapesti Orvostudomanyi Egyetem Elettani Intezete.

(SHOCK, exper.

eff. of isolated perfusion of head by cross-circ. between  
donor & acceptor dog on develop. of ischemic & hemorrhagic  
shock (Hun))

(HEAD, blood supply  
same)

IRANYI, Magdolna; KOVACH, Arisztid; ROHEIM, Pal

Choice of fluids and salt in ischemic shock. Kiserletes orvostud 9  
no.5-6:607-610 Oct-Dec 58.

1. Budapesti Orvostudomanyi Egyetem Elettani Intezete.

(SHOCK, exper.

eff. of ischemic shock on choice of fluids & salt solutions  
by rats (Hun))

(FLUIDS

same)

(SODIUM CHLORIDE

same)

KOHEI, P. 1952

(Physiology Inst. & Biochem. Inst. of Budapest Med. Univ.)

"Effect of Heparin on Histamine Shock."

Kiserl. Orvostud. 1952, 4/2(139-142)

Abst: Exc. Med. 11, Vol. 6, No. 1, p. 113

KOVACH, A.G.B.; ROHEIM, P.S.; IRANYI, M.; KISS, S.; ANTAL, J.

Effect of the isolated perfusion of the head on the development of ischemic and hemorrhagic shock. Acta physiol. hung. 14 no.3:231-238 1958.

1. Institute of Physiology, Medical University, Budapest  
(SHOCK, exper.

eff. of isolated perfusion of head with normal blood on  
develop. of ischemic & hemorrhagic shock in dogs)

EXCERPTA MEDICA Sec 5 Vol 12/9 General Path. Sept 59

2462. EFFECT OF THE ISOLATED PERFUSION OF THE HEAD ON THE DEVELOPMENT OF ISCHAEMIC AND HAEMORRHAGIC SHOCK - Kovach A. G., B., Röheim P. S., Irányi M., Kiss S. and Antal J.

Inst. of Physiol., Med. Univ., Budapest - ACTA PHYSIOL. ACAD. SCI. HUNG. 1958, 14/3 (231-238) Graphs 3 Illus. 3

Isolated perfusion of the head by crossed circulation significantly prolonged survival time in dogs with both ischaemic and haemorrhagic shock. Intracarotid transfusion of blood during the period of haemorrhagic hypotension resulted in 50% survival of the otherwise irreversible shock. In the animals with crossed cranial cir-

2462

culation the minute volume decreased more slowly than in the control shock group. Animals with such crossed circulation survived for hours with an extremely small minute volume. Release of the tourniquet was followed by temporary reflex vaso-dilatation in the head, also in the head-perfused group. No increase of vascular resistance in the head was demonstrated either in ischaemic or in haemorrhagic shock.

(II, 5)

ENCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1797. EFFECT OF THE ISOLATED PERfusion OF THE HEAD ON THE DEVELOPMENT OF ISCHAEMIC AND HAEMORRHAGIC SHOCK - Kovách A. G. B., Róheim P. S., Irányi M., Kiss S. and Antal J. Inst. of Physiol., Med. Univ., Budapest - ACTA PHYSIOL. ACAD. SCI.

HUNG. 1958, 14/3 (231-238) Graphs 3 Illus. 3

Isolated perfusion of the head by crossed circulation significantly prolonged survival time in dogs with both ischaemic and haemorrhagic shock. Intracarotid transfusion of blood during the period of haemorrhagic hypotension resulted in 50% survival of the otherwise irreversible shock. In the animals with crossed cranial circulation the minute volume decreased more slowly than in the control shock group. Animals with such crossed circulation survived for hours with an extremely small minute volume. Release of the tourniquet was followed by temporary reflex vaso-dilatation in the head, also in the head-perfused group. No increase of vascular resistance in the head was demonstrated either in ischaemic or in haemorrhagic shock. (L, 5)

KOVACH, A.G.B.; ROHEIM, P.S.; IRANYI, M.; KOVACH, E.

Renal function in hemorrhagic shock, with the head perfused with normal blood. Acta physiol. hung. 14 no.3:247-254 1958.

1. Institute of Physiology, Medical University, Budapest.

(SHOCK, exper.

eff. of isolated perfusion of head with normal blood on kidney funct. in hemorrhagic shock in dogs)

(KIDNEYS, physiol.  
same)

OŁSZEWSKI, Jakub, mgr inż.

"Mining" by J. Rohel, O. Trnka, F. Rak, K. Zachystal, J. Härtel.  
Vol.2. "Team work" and "The head miner" by Miroslav Ulbrich.  
Reviewed by Jakub Olszewski. Wiadom gorn 13 no.6:214-215 Je  
!62.

39605  
S/194/62/000/004/012/105  
D222/D309

7.2140

AUTHOR:

Rohleder, H.

TITLE:

The synthesis of relay-contact circuits with incompletely specified operating conditions

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no, 4, 1962, abstract 4-2-8i (2ème congr. math. hon-grois, Budapest, 1960, Budapest, 1961, V/20-23)

TEXT: A method for the optimization of relay-contact circuits is described. The problem investigated is the synthesis of a switching circuit which is equivalent to a given circuit, but contains a minimum number of elements, in the case when the operating conditions of the circuit are incompletely specified, i.e. there are such combinations of input signals for which the output can be either 0 or 1. For the mathematical description of the circuits an operator  $H$  is used, the length  $L(H)$  of which is equal to the number of contacts. Two circuits are taken to be of equal value if they are described by equivalent operators. For a given opera-

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001445

AKIBA, J.

"Electroconductive properties of LiT crystals containing Metallic Thallium  
Gutten, p. 257, (RZ CHEMI WIL, Vol. 6, No. 2, 1954, Warsaw, Poland)  
RA: Tentative List of East European Acquisitions (I.D.), 1C, Vol. 4, No. 3,  
March 1955, Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0014451

ROHLEDER, J.

*phif*

Absorption spectrum of monocrystalline resorcinol plates in the near ultraviolet. J. Rohleder (Wroclaw Inst. Technol.), *Bull. acad. polon. sci., Classe III* 5, 71-3 (1957) (in English).—Transparency measurements of 0.02-0.1 mm. thick resorcinol plates were carried out at 230-370  $\mu\text{m}$ . wave lengths. The max. of the three absorption bands (*A*, *B*, *C*) are placed at  $281 \pm 3$ ,  $265 \pm 3$ ,  $253 \pm 1 \mu\text{m}$ , resp. The corresponding energies are:  $4.41 \pm 0.05$ ,  $4.68 \pm 0.05$ ,  $4.90 \pm 0.02$  e.v., resp. The *A* absorption peak, as compared to that observed in vapor, is shifted towards the longer wave length. The optical energy of activation is caled.  $4.29 \pm 0.02$  e.v. L. Stecki

KOCHOWSKI, J.

Properties of KCl crystals containing metallic thallium center. I. The photo-electric effect. p. 613.  
ROZCZNIKI CHEMII, Warszawa, Vol. 29, no. 2/3, 1955.

SC: Monthly List of East European Accessions, (ESEL), LC, Vol. 4, no. 10, Oct. 1955,  
Incl.

ROHLEDER, Jozef

Jozef Rohleder: "Optical Activation Energy of the Monocrystalline Plates of the m-Dihydroxybenzene (Resorcinol)," Roczniki Chemii, Vol 30, No 3, Warsaw, 1956. Published from the Chair of Physical Chemistry, Wroclaw Polytechnic, 19 Apr 56.

ROHLEDER, J.

Further investigations on the inner photoelectric effect in KCl crystals containing  
metallic thallium centers (KC<sub>1</sub>Tl). p. 111

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.  
Uncl.

ROHLEDER, J.

A band-structure model proposed for KCl crystals containing metallic thallium centers (KCITI<sup>+</sup>). p. 419

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.  
Uncl.

ROHLEDER J.

POLAND/Optics - Physical Optics

K-5

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 4495

Author : Rohleeder Josef

Inst : Not Given

Title : Properties of KCl Crystals Containing Centers of Metallic Thallium. I. Photoelectric Effect

Orig Pub : Roczn. chem., 1955, 29, No 2-3, 613-622

Abstract : See Referat Zhur, Khimia, 1956, No 3258

Card : 1/1

RÖHLEDER J.

POLAND/Optics - Spectroscopy

K-7

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 4717

Author : Röhleder J.

Inst : Not Given

Title : Absorption Spectrum of Monocrystalline Resorcinol Plates in  
the Near Ultraviolet

Orig Pub : Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 1, 71-73

Abstract : A study was made of the near ultraviolet absorption spectrum  
of monocrystal resorcin plates made of triply sublimated  
resorcin by prolonges heating in a steamed bath. It is shown  
that the broad absorption band observed in the aqueous solution  
of resorcin breaks in the solid state into three bands which  
are slightly shifted towards the long wave side with respect  
to those of the vapor. The value of the optical energy of  
activation of monocrystalline plates of resorcin, was cal-  
culated to be  $E_{opt} = 4.29 \pm 0.02$  ev.

Card : 1/1

POLAND/Physical Chemistry - Crystals.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 27743 E.  
Author : Rohleder, J.  
Inst :  
Title : The Optical Activation Energy of Single-Crystal Wafers  
of m-dihydroxybenzene (Resorcinol).  
Orig Pub : Roczniki Chem, 30, No 3, 1001-1002 (1956) (in Polish)  
Abstract : The ultraviolet absorption spectra of single-crystal  
resorcinol wafers have been investigated in connection  
with the investigation of the semiconductor properties

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REF ID: A6514

The inner photoelectric effect in KCl crystals containing metallic thallium centers (KCITI<sup>o</sup>). Józef Rohleder (Politechnika, Wrocław, Poland). Roczniki Chem. 33, 411-18 (1959) (English summary).—The thermoelec. force of KCl crystals contg. metallic Tl was compared with that of crystals with F centers to find the sign of the carriers of photocurrent. It amounts to several hundred mv. at a temp. difference of 120° for the Tl-contg. KCl and has opposite sign to that of F center-contg. KCl. Therefore, holes are the carriers of photocurrent in the former case. A linear relation was found between the current and elec. field strength up to 2000 v./cm. The photoelec. current does not rise but decreases slightly with increasing Tl concn. It is believed that the holes freed by radiation are captured in trap levels produced by the same Tl atoms. Because of the similarity of the mechanism of capture and the identity of basic space lattices, the range of holes is of the same order in both types, i.e.  $10^{-7}$  to  $10^{-6}$  sq. mm. /v. Hence, the concn. of free holes is  $10^{11}$  to  $10^{12}$ /cc. in KCl contg. about  $8 \times 10^{17}$  centers of Tl<sup>+</sup>/cc. A band-structure model proposed for KCl crystals containing metallic thallium centers (KCITI<sup>o</sup>). Ibid. 410-27.—The Tl atom together with the empty anion site is proposed as a model of a photocele.

4  
4616  
4636  
center. It is confirmed by detg. the concn. of centers by applying the formula for the dependence of the concn. of Schottky defects on temp., and by their electron acceptor character. The concn. at 850° is estd. to be  $3 \times 10^{12}$  to  $10^{14}$ /cc. The concn. of Tl atoms that do not interact with the assoc. Schottky defects, and considered as absorption centers, is  $10^4$  to  $10^5$  times higher. Therefore, the absorption const. in the long-wave spectrum is detd. by the absorption transitions, which explains the discrepancy between the spectral distributions of absorption and of the photoeffect. Two kinds of centers are assumed: (a) photocelec. 2.25 e.v. above the valence band. They are acceptors and can capture the electrons released from the valence band by radiation. The photocelec. current decreases after longer irradiation as the holes are captured by traps placed above the valence band. (b) Absorption centers (donors) about 5.5 e.v. below the conduction band. The transition of an electron to the state of 4.0 e.v. corresponds to band B (C.A. 49, 15497e). No photoeffect is observed in band A, and only a weak one in B, which implies that there exists a barrier, the overcoming of which requires addnl. thermal energy. The possibility of applying the model of a H-like atom to Tl centers is discussed and found inadequate.

ROHLEDER, J.

2000

liquid air level indicator. J. Rohleder (*Russ. Chem.*, 1955, 29, 1133).—One junction of a constantan-Cu thermo-

couple is at room temp., whilst the other, surrounded by an insulated heating coil, is immersed in liquid air. The heat supplied by the coil is used to vaporise the liquid, so that this junction is at the temp. of liquid air until the level of the latter falls to about 1 mm. lower, when it warms up rapidly. This is indicated by return of the milliammeter needle to zero deflection. R. Tauscor.

Rohleder

Rohleder, J.

535.343  
8615. The absorption spectrum of KCl crystals containing metallic thallium centres. J. ROHLEDER. *Bull. Acad. Polon. Sci. Cl. 3, 3, No. 4, 229-32 (1955)*

Following photoelectric studies of KCl-Tl crystals [see Abstr. 469 (1955)] measurements of absorption spectra were made on the crystals. Calculations of the number of Tl centres from absorption spectra agree with those for chemical analysis and indicate an atomic dispersion of the impurity. G. F. J. GARLICK

ROHLEDER, Jozef; OLSZOWSKI, Andrzej

Investigations of the optical properties of solid solutions of some  
organic dyes in polystyrene. Rocznik chemii 34 no.3/4:1033-1045 '60.

1. Katedra Chemii Fizycznej Politechniki, Wroclaw  
(Dyes and dyeing) (Styrene) (Organic compounds)  
(Solutions) (Polymers and polymerization)

(EEAI 10:3)

Rohleder, J.

5

The absorption spectrum of potassium chloride crystals containing metallic thallium centers. J. Rohleder (Tech. Univ., Wrocław), Bull. acad. polon. sci. Classe III, 3, No. 4, 229-32 (1955); cf. C.A. 49, 10729d.—KCl crystals contg.  $(4.1 \pm 0.14) \times 10^{-3}$ ,  $(6.2 \pm 0.35) \times 10^{-3}$ , and  $2.10 \times 10^{-3}$  mol. % Tl were studied. The last of these contained a certain excess of K atoms. The absorption spectrum of this specimen showed one broad band; however, 2 absorption peaks were observed in the first 2, at  $(309 \pm 1)$   $\mu$  and  $300$   $\mu$ , and at  $238$   $\mu$  and  $270$   $\mu$ . From a formula derived by Smakula (C.A. 24, 5613) the d. of absorbing centers was computed and was found to agree with that of the Tl centers to about 5%. Under the assumption that only one absorption peak exists in the ultraviolet, the dependence of the absorption const. on frequency in the visible was calcd.

Harry Letaw, Jr.

*Rohleder, Jozef*

*Dffs* ✓ Optical activation energy of the monocrystalline plates of  
*m*-dihydroxybenzene." Jozef Rohleder (Inst. Technol.,  
Wroclaw), Roczniki Chemii, 39, 1091-1100 (1965) (English sum-  
mary).—The absorption spectrum of resorcinol (I) in the  
solid state was investigated in the ultraviolet region.  
Measurements were made on monocrystall layers of I. Three  
absorption bands (*A*, *B*, and *C*) were observed. Positions  
(e.v.) of band max. ( $\lambda_{\text{max}}$ ) and the corresponding activation energies  
(e.v.) are: *A*, 278–284  $\text{m}\mu$ , 4.46–4.37 e.v.; *B*, 252–264  $\text{m}\mu$ ,

4.92–4.28 e.v.; and *C*, 282–268  $\text{m}\mu$ , 4.73–4.03 e.v. The  
optical activation energy is  $E_{\text{opt.}} = 4.29 \pm 0.02$  e.v.

Z. Kurtyka

*RM*

L 20438-66 EWT(m) DIAAP

ACC NR: AP6000661

SOURCE CODE: CZ/0055/65/015/009/0686/0695

AUTHOR: Dlouha, J.; Rohlena, K.

41

B

ORG: Faculty of Mathematics and Physics, Charles University, Prague; now Institute of Physics, Czechoslovak Academy of Sciences, Prague

TITLE: Resonance absorption of <sup>19</sup>gamma quanta in one- and two-dimensional crystals

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal v. 15, no. 9, 1965, 686-695

TOPIC TAGS: resonance absorption, single crystal, crystal  
structure, gamma quantum, resonance line, gamma ray, Mossbauer effect

ABSTRACT: The resonance absorption of gamma-quanta in one- and two-dimensional crystals was investigated. The form of the resonance lines was determined and the question of the possibility of the existence of the Mossbauer effect in such a model was analyzed. It was found that for one dimensional crystals the Mossbauer effect is zero with the exception of the case of perpendicular incidence of gamma rays on the linear chain. Also for two dimensional crystals this effect would be possible only at absolute zero. The authors thank Dr. C. Muzikar for suggesting the work and for many discussions. Orig. art. has: 5 figures and 15 formulas. [Based on authors' abstract.]

[NT]

SUB CODE: 20/ SUBM DATE: 03Feb65/ ORIG REF: 001/ OTH REF: 004/ SOV REF: 002/  
Card 1/1 (1L)

ROHLENA, V.

An international conference of cotton spinners in Moscow. p. 45.

TEXTIL. (Ministerstvo lehkého průmyslu) Praha, Czechoslovakia. Vol. 14, no. 2,  
Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. Uncl.

ROKHLENKO, M.A., inzh.; SMOLENSKIY, B.L., inzh.

Checking the "optics" of sight glass. Stek. i ker. 20 no.4:  
29-30 Ap '63. (MIRA 16:3)  
(Glass--Testing)

LOM, Tomas, dr.; PLECLTY, Miroslav, inz.; ROHLICEK, F., promovany fyzik

Influence of the emission property of the cathode on the noise figure of traveling wave tubes. Sbor vek elektrotech 4:49-53  
'64.

1. Research Institute of Vacuum Electrical Engineering, Prague.

PLECITY, M., inž.; ROHLICEK, F., promovany fyzik

Low-noise magnetron for the 10 cm. band. Sbor vak elektrotech  
3:148-156 '61.

1. Vyzkumny ustav pro vakuovou elektrotechniku, Praha.

KOMAN, Milan (Praha); ROHLICEK, Jiri (Praha)

"Mathematical methods in economic practice" by Anton Kolmig.  
Reviewed by Milan Koman and Jiri Rohlícek. Cas pro pest mat  
88 no.2:254-256 '63.

CZECHOSLOVAKIA

ROLICEK, V.; Physiological Institute, Czechoslovak Academy of Sciences (Fysiologicky Ustav CSAV), Prague.

"Cardiostimulator with a High Frequency Transmission of Stimulating Impulses."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 3, May 66, pp 251-253

Abstract: An apparatus for long term heart stimulation by electrical impulses is described. The apparatus is of the high frequency type, where only the receiver with the detector and electrodes are implanted, and energizing is made by a field established outside of the patient's body. The implanted parts are very reliable and it is improbable that they would ever need changing. The frequency of impulses is 60 to 100 per minute. The threshold of sensitivity of the electrodes is 1-2 V, and it rises to 2-4V in a few months. It may reach 6-8V after a very long period. The resistance between the electrodes is about 150 ohms after implanting, rising to 300 to 600 ohms. Current intensity required is 0.6 mA, voltage 9 V. 4 Figures, 1 Table, 6 Western references. (Ms. rec. 17 Jun 65).

1/1

ROKHLIN, Il'ya Aleksandrovich, kand.tekhn.nauk; LUKASHENKO, Ivan Andreyevich,  
kand.tekhn.nauk; AYZEN, Arkadiy Markovich. Prinimali uchastiye:  
DRANISHNIKOV, P.I., kand.tekhn.nauk; MINTSKOVSKIY, M.Sh., kand.  
tekhn.nauk. KOMAR, A.N. [deceased], red.; BERGER, K., red.;  
GARKAVENKO, L., tekhn. red.

[Handbook for construction engineers] Spravochnik konstruktora-  
stroitelia. Pod red. A.N.Komara. Kiev, Gostroizdat USSR, 1963.  
813 p. (MIRA 16:6)

1. Deystvitel'nyy chlen Akademiy stroitel'stva i arkhitektury  
SSSR i UkrSSR (for Komar).  
(Building)

9,3140

Z/037/60/000/005/047/056  
E192/E382

AUTHOR: Rohliček, F.

TITLE: Measurement of Current Density Distribution in  
Electron Beams

PERIODICAL: Československý Časopis pro fysiku, 1960,  
No. 5, p. 485

TEXT: A method of measuring the current-density distribution in electron beams is described. This is based on "sampling" the beams by means of a vibrating probe. The method is suitable for studying the current distribution of special electron tubes under various operating conditions. Some results of the measurements carried out on a hollow beam having a diameter of 6 mm and a total current of 0.5 mA are given.

ASSOCIATION: Výzkumný ústav pro vakuovou elektrotechniku,  
Praha (Research Institute for Vacuum Electro-  
technology, Prague)

Card 1/1

ROHLICEK,V.; MIKULAS,I.

A wireless stimulator for work with unrestrained animals. Cest.  
fysiol. 13 no.1: 62-66 Ja'64.

1. Fysiologicky ustav CSAV, Praha.

GUTMANN, E.; JAKOUBEK, B.; HAJEK, I.; ROHLICEK, V.; SKALOUD, J.

Effect of age on proteosynthesis in spinal motoneurons following nerve interruption as shown by histoautoradiography of  $S^{35}$  labelled methionine.  
Physiol. Bohemoslov. 11 no.5:437-442 '62.

1. Institute of Physiology, Czechoslovak Academy of Science, Prague.  
(NEURONS) (SPINAL CORD) (METHIONINE)  
(PROTEIN METABOLISM) (AGING)

ROHLICEK, V., SR.; ROHLICEK, V., JR.

ROHLICEK, V., SR.; ROHLICEK, V., JR. Electric supply for directional indicators on railway vehicles.

Vol. 12, no. 2, Feb. 1957

ELEKTROTECHNIK

TECHNOLOGY

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

ROHLICKOVA, Iva; ROHLICEK, Jiri

Forty years of the periodical "Rozhldey matematicko-fyzikalni".  
Pokroky mat fyz astr 7 no.4:237-242 '62.

TGK (N<sub>2</sub>, Ar, He, CH<sub>4</sub>, CO<sub>2</sub>, N<sub>2</sub>O, H<sub>2</sub>) möglich, (100)

Improved method of glutaraldehyde fixation for better preservation of fine cell structure. Arkh. zool., hist. i anatomii. 48 no. 6: 106-109. Ju '65. (MTR 18:7)

1. Institut radiatsionnoy gigiyeny, Leningrad i Meditsinskiy universitet. Rudarsht.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014451

ROHLICH, P.

WEISS, Maria; ROHLICH, P.

Significance of the interstitice of the peripheral nerve. Acta  
morph. hung. 4 no.3:309-318 1954.

1. Department of Histology and Embryology of the Medical University,  
Budapest (director prof. I.Toro)

(NERVES PERIPHERAL, physiol.  
interstitice, defensive mechanism)

WEISS, Maria; ROHLICH, Pal

The significance of interstices of the peripheral nerve.  
Kiserletes orvostud. 6 no.6:506-513 Nov 54.

1. Budapesti Orvostudomanyi Egyetem, Szovjet-es Fejedeletani  
Intezete.

(NERVES, PERIPHERAL, physiol.  
interstices, protective eff. in rats)

ROHLICH, P.,; WEISS, Maria.

Studies on the histology and permeability of the peripheral nervous barrier. Acta morph. hung. 5 no.3-4:335-347 1955.

1. Department of Histology and Embryology of the Medical University, Budapest (Director: Prof. I. Toro) Pal Rohlich, Budapest, IX., Tuzolto u. 58. Hungary, Maria Weiss, Budapest, V., Kalman u 24. Hungary.

(NERVES, physiology,  
histol. & permeability of peripheral nervous barrier)

ROHILICH, P.; WEISS, M.

Morphology of the diffusion barrier of peripheral nerves. Kiselekes  
orvostud. 9 no.2:135-143 Apr 57.

1. Budapesti Orvostudományi Egyetem Szövet es Fejlődestani Intézet.  
(NERVES, PERIPHERAL, anat. & histol.  
diffusion barrier, morphol. (Hun))

HUNGARY / Human and Animal Morphology - Nervous System. S

Abs Jour : Ref. Zhur. - Biol., No. 22, 1958, No. 101467

Author : Toro, I.; Rohlich, P.

Inst Title : - Histophysiologic Significance of the Interstices of Peripheral Nerves.

Orig Pub : Ideggyogy. szemle, 1957, Vol.10, No. 5-6, 155-162

Abstract : Particles of India ink, introduced into the vagus nerve of the white rat, are phagocytosed by granulocytes, connective tissue cells, and Schwann cells, which thus perform an important protective function. Following introduction of India ink into the subarachnoid space of rats in the region of the lumbar vertebrae, the particles are found only in the motor and sensory roots and in the interstices of the intervertebral ganglia. They

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HUNGARY / Human and Animal Morphology - Nervous System. S

Abs Jour : Ref. Zhur. - Biol., No. 22, 1958, No. 101467

are not found further along the nerves. A third group of animals was injected with ink into the tissues surrounding the vagus nerve. The Aoyama technique of impregnation disclosed on the internal surface of the outer perineurium, a perilemma (P) of 1-2 microns thickness which prevented diffusion of the dye. The P consists of two layers of squamous cells similar to mesothelium, with a basal membrane between them. To demonstrate the barrier functions of the P, the tissues around the nerve were infiltrated with an isotonic solution of ferrous chloride; the iron ions penetrated, within a period of several minutes, through the connective tissue membrane, but were detained at the external surface of the P, through which they passed only after a period

Card 2/3

20

KÖHLICH, P.; VIGH, B.; TEICHMANN, Ingeborg; AROS, B.

Electron microscopy of the median eminence of the rat. Acta biol.  
acad. sci. Hung. 15 no.4:431-457 '65.

1. Institute of Histology and Embryology, Medical University,  
Budapest (Head: I. Törö). Submitted September 20, 1964.

L 15500-66

ACC NR: AT6007446

SOURCE CODE: HU/2505/65/026/00X/0049/0049

24

AUTHOR: Rohlich, P.; Vigh, B.; Teichmann, Ingeborg; Arcs, B.

B+

ORG: Medical University of Budapest, Institute of Histology and Embryology  
(Budapesti Orvostudomanyi Egyetem, Szovettani es Fejlodestani Intezet)

TITLE: Electron-microscopic studies of the medial eminence in the rat. This paper  
was presented at the 29th Meeting of the Hungarian Physiological Society held in  
Szeged from 2 to 4 July 1964

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement,  
1965, 49

TOPIC TAGS: electron microscopy, rat, brain, histology, neurology

ABSTRACT: The ultrastructure of the layers of the medial eminence is described.  
The surface of the brain is covered by a basal membrane. The endothelium of the  
portal vascular loops which penetrate into the medial eminence is very thin and  
fenestrated, like that of blood vessels which transport large volumes of fluid.  
In the palisade layer, especially near the vascular loops, large numbers of nerve  
fiber endings are present. The endings are characterized by two types of  
vesicles: a) those of small size with a thin content, similar to the synaptic  
vesicles in their order of magnitude, b) larger ones containing a denser material

L 15500-66

ACC NR: AT6007446

and similar to the neurosecretory vesicles. In the lateral and anterior parts of the medial eminence, there are few nerve endings and they give way to glial and ependymal soles. In this area and in the hypendyma, the vascular epithelium is not fenestrated. These ultrastructural properties support the view that a substantial transport of substances between blood vessels and nerve endings takes place in the area of the medial eminence. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

ribosome structures mainly in differentiating cells where free ribosomes are present. It seems that helical structures are needed not for the synthesis of proteins to be secreted but for the formation of the own, presumably filamentar, proteins of the cell. Detailed studies are needed to con-

111 APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014451

TORO, I.; ROHLICH, P.

Ultrastructure of the lymph node of the guinea pig. Acta morph. acad. sci. hung. 11 no.4:415-432 '62.

1. Department of Histology and Embryology, (Director: Prof. I. Toro)  
University Medical School, Budapest.  
(LYMPH NODES) (GUINEA PIGS)

TOROK, Laszlo Jozsef; ROHLICH, Pal

Electron microscopic investigations on the eosiphile gland cells  
of planarians. Biol kozl 8 no.2:117-124 '60.

1. Budapesti Orvostudomanyi Egyetem Szovet- es Fejlodestani In-  
tezete. Igazgato: Dr.Toro Imre egyetemi tanar.

ROHLICH, Pal, dr.

"Introduction to the electron microscopic preparatory technique  
in microbiology" by K.Zapf and J.Ludvik. Reviewed by Dr.Pal  
Rohlich. Biol kozl 10 no.1:70 '62.

\*

TORO, Imre, dr.; ROHLICH, Pal, dr.

The problem of the structure of the lymph node; data obtained by electron microscopy. Magy radiol. 13 no.6:331-339 N '61.

1. Budapesti Orvostudomanyi Egyetem Szövet es Fejlodestani Intezet kozlemenye. Igazgato: Toro Imre dr., egyetemi tanar.

(LYMPH NODES anat & histol)  
(MICROSCOPY ELECTRON)

1. "Estimating the Volume of the Induratum Shale in  
Bardejovské Ore, Otto ŠEGRAL, pp 121-125.

2. "Research on the Flora of Aragonite Fauna in the Tain-Hun-  
dise Layer of the Moravian-Silesian Beskys, Helena  
SILHČÍKOVÁ, pp 130-131.

3. "Mineralogy of Gneiss in a No. 18 Deposit in North West  
Slovakia," Ján ČERNÝ, Research Institute of  
Geochemistry and Mineralogy, Prague, pp 132-133.

4. "New Finds of *Phaeotellulus* Punctatus (Schoch, 1860) in  
the Jermáňovce near Liptov, Ján ČERNÝ, pp 134-135.

5. "Remarks on the Alpine-Gneiss in the Northern Part  
of the Váh River Valley," František KUDLÍČEK, pp 136-  
137.

6. "Local Spectrographic Measurements of Mineralogical Com-  
ponents in the Metamorphic Series," Jan-Jarmír ŠALAMÍK and  
Jan KUBÍČEK and Alena ŠPÍČKOVÁ of the Central Geological  
Institute (Geologický ústav Československé akademie  
věd), Praha, pp 146-147.

7. "Fossilized Coral Fauna near Prácheň, Nová Voda," Jaroslav  
MÍČÁK of the Central Geological Institute, Praha,  
pp 148-149.

8. "Geology and Sedimentology," Roman ŽEMSKÝ, pp 150-153.

9. "Bacteria in the Ancient Sea Sediments," Ondřej KUDLÍČEK  
pp 153-159.

10. "Adjustment of Comparative Spectra Curves for Another  
Type of Spectrometer Using the Sample of Zelený  
Atoll for the 424 Spectrometer," Jindřich ŽELINKA, pp 159-  
164.

11. "Note on the Julian Polycyclic Oils from Kupres in Záhoř-  
ska," František ŠEGRAL, Geophysical Institute, Charles  
University, Prague, pp 165-167.

12. "Research on the Flora of the Aragonite Fauna in Záhoř-  
ska," František ŠEGRAL, Geophysical Institute, Charles  
University, Prague, pp 168-170.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0014451

ROHLICH, P.

"Special and temporal relations between the facies in the upper Ordovician of the Barrandian."

p. 201 (Universitas Carolina Geologica) Vol. 2, no. 2, 1956  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7,no. 4,  
April 1958

ROHLICH, P.

GEOGRAPHY & GEOLOGY

PERIODICAL: VESTNIK. Vol. 33, no. 3, 1958

ROHLICH, P. Erosion discordances in the Reruc strata in Prague-Mloubetin. p. 193.

Monthly List of East European Accessions(EEAI) LC, Vol. 8, No. 2, Feb. 59, Unclass.

ROHLICH, P.

GEOGRAPHY & GEOLOGY

Periodicals: CASOPIS PRO MINERALOGII A GEOLOGII Vol. 3, no. 4, 1958

ROLICH, P. Tectonics of the Cretaceous in the Blansko depression between Kretin and Kunstat in Moravia. p. 435.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5, May 1959, Unclass.

ROHLICH, P.

GEOGRAPHY & GEOLOGY

Periodicals: CASOPIS PRO MINERALOGII A GEOLOGII Vol. 3, no. 4, 1958

ROHLICH, P. A survey of the geologic development of Gory Swietokrzyskie.  
p. 484.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,  
May 1959, unclass.

ROHLICH, P.

Geological structure of the Devonian in the vicinity of Rymarov in the lower  
Jeseniky Mountains. p.21.  
(Casopis Pro Mineralogii A Geologii, Vcl. 2, No. 1, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

ROHLICH, F.

Tentaculite finds in the Rozmíthal limestones. p. 148.  
(Casopis Pro Mineralogii A Geologii, Vol. 2, no. 2, 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

NAME, Level

~~STATION (i.e. caps); Given Names~~

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: (Czech State Road Administration, Prague-East, Laboratory  
(Cesni sprava statnickich silnic, Praha-Vychod, laborator)

Sources: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXI,

No 3, 1961, pp 177-188.

Data: "Outline of the Geology of the Algonkian Between Dobris and  
Uvaly."

274

ROHLICOVA, Marie

"Phenomena of the epigenetic albitionization of the plagioclase in  
the sandstone of early strata of the Dniester River Basin" by  
A.V.Kopeliovic. Reviewed by Marie Rohlichova. *Ges min geol S*  
no.4:437-438 O '63.

"Early conglomerates of the Kitoi Alps, Eastern Sayan Mountains"  
by J.Z.Elizarjev. Reviewed by Marie Rohlichova. *Ibid.:*438

"The role of alkali concentration in the formation of charnockite  
gneisses" by D.S.Korzinskij [Korzhinskiy, D.S.]. Reviewed by  
Marie Rohlichova. *Ibid.:*441

CZECHOSLOVAKIA

ROHLICOVA, M.

Geological Institute CSAV (Geologicky ustav CSAV), Prague  
Prague, Casopis pro mineralogii a geologii, No 1, 1964, pp 1-  
7

"On the Genesis of Granitic Rocks on the Southern Margin of  
the Central Bohemian Pluton."

KHLICK, RAVEL

Geologicke exkurze do okoli Prahy, na Kralupsko a do dolniho Posazavil. (Vyd. 1.) Praha, Statni pedagogicke nakl., 1957. 125 p. (Ucebni texty vysokych skol) (Geologic excursions to the environment of Prague, to the Kralupy area, and to the lower Sazava River valley; a university textbook. 1st ed. maps (part fold.), bibl., diagrs., footnotes, tables)

See: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, May 1958

ROHLICH, P.

"Fauna in the Lower Devonian layers in Cabova near Moravsky Beroun."

p.403 (Casopis Pro Mineralogii A Geologii, Vol. 2, no. 4, 1957, Praha,  
Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

ROHLICH, P.

"Geologic conditions of the wider environs of Kraliky, Tajov, and Malachov,  
west of Banska Bystrica."

P.119 (Casppia Pro Mine alogii A Geologh, Vol. 2. no. 3, 1957, Czcholovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, No. 2,  
February 1958

KOMLICH, PAVEL.

(Contribution to studies of the stratigraphy and genesis of the Upper Ordovician iron ore deposits near Zdice. 1st ed. English and Russian summaries. illus., map, bibl.)

V Praze, Makl, Karlovy university, 1955.

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclassified

RCHLICH, Pavel

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 3, 1961,  
pp 364-366.

Data: "River Terraces in the North-Eastern Part of Prague and a Note on  
the Geological Conditions in Hloubetin."

ROHILICOVA, Marie

On the origin of granitic rocks at the southern border of the  
central Bohemian Plutonic. Cas min geol 9 no. 1:1-2 '64.

1. Geologicky ustav, Ceskoslovenska akademie ved.

L 34583-66 EWT(d) IJP(c)

ACC NR: AP6025552

SOURCE CODE: CZ/0081/66/091/001/0089/0091

23

S

AUTHOR: Rohlickova, Iva--Roglichkova, I. (Prague)

ORG: none

TITLE: Note on the number of spanning trees of a graph

SOURCE: Casopis pro pestovani matematiky, v. 91, no. 1, 1966, 89-91

TOPIC TAGS: graph theory, graphic technique, set theory

ABSTRACT: Let  $G = [U, H]$  be a connected undirected graph with a vertex

set  $U = \bigcup_{i=1}^r U_i$  and an edge set  $H = \bigcup_{i=1}^r H_i$ , where  $r \geq 3$  and  
 $U_i \cap U_j = H_i \cap H_j = \emptyset$  for each  $i \neq j$ . Let  $U_i = \{u_{i,1}, u_{i,2}, \dots, u_{i,n_i}\}$ ,  $H_i = \{u_{i,k}, u_{i+1,1} \mid i \leq k \leq n_i, 1 \leq i \leq n_{i+1}\}$ ,  
 $n_i \geq 1$ ,  $n_0 = n_r$ ,  $n_{r+1} = n_1$ . Then the number of spanning trees  
of the graph  $G$  is

$$\prod_{i=1}^r n_i(n_{i-1} + n_{i+1})^{n_i-1} \sum_{i=1}^r \frac{1}{n_i \cdot n_{i+1}}.$$

[Based on author's Eng. abst.] [JPRS: 35,386]

SUB CODE: 12 / SUBM DATE: 27May65 / ORIG REF: 002 / OTH REF: 007

Card 1/1

ROHLICKOVA, Iva; ROHLICEK, Jiri

Forty years of the periodical "Rozhldey matematicko-fyzikalni".  
Pokroky mat fyz astr 7 no.4:237-242 '62.

ROHLICOVA, Marie

Inclusions and clods in the Podolsky komplex in the Eastern  
Pisek area. Gas min geol 7 no.3:301-306 '62.

ROHLIG, H.

Treatment of pseudarthrosis following bone defects. Chir. narz.  
ruchu ortop. polska 27 no.2:235-237 '62.

1. Z Kliniki Ortopedycznej Uniwersytetu Lipskiego Dyrektor: prof.  
dr P.F. Matzen.

(PSEUDARTHROSIS ther)

ROHLIK, Vilem, inz.

Fast determination of main data of the thermal relay switching characteristic. Elektrotechnik 18 no.5:136-137 My '63.

KARGHIN, V. A., acad.[Kargin, V. A.]; ROHLIN, M. I.[Rokhlin, M. I.]

Development of the science of polymers. On the results of the International Symposium on Macromolecular Chemistry of Moscow, June 14-18, 1960. Analele chimie 16 no.1:175-180 Ja-Mr '61.

(EEAI 10:9)

(International Union of Pure and Applied Chemistry)  
(Macromolecular compounds)

Lev. N. T.A. (Izobitkin, V.E.) (Izovletnik)

Invariant endomorphisms of the Lebesgue space. Mat. kozl MTA 14  
no.4:443-474 '64.

KNUNYANTS, I.L.; GAMBARYAN, N.P.; CHEN' TSIN-YUN' [Ch'êñ Ch'ing-yün];  
ROKHLIN, Ye.M.

Certain reactions of hexafluoroacetone. Izv.AN SSSR Otd.khim.-  
nauk no.4:684-692 Ap '62. (MIRA 15:4)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.  
(Acetone)

ROKHILIN, G.M.; GAMBARYAN, N.P.; KJUHYANTS, I.L.

Interaction of hexafluoroacetone with 2-phenyl-4-benzyl-5-oxazolone.  
Izv. AN SSSR. Otd.khim.nauk no.5:927-929 My '62. (MIRA 15:6)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.  
(Acetone) (Oxazolinone)

ROKHLINA, M.

"Lectures on epilepsy" by Lorentz de Haas. Reviewed by M.Rokhlina.  
Zhur. nevr. i psikh. 61 no.11:1746-1750 '61. (MIRÄ 15:2)  
(EPILEPSY) (HAAS, LORENTZ DE)

*ACPL/LLC*  
CZECHOSLOVAKIA / Human and Animal Physiology. Intern- T  
nal Secretion.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22397.

Author : Kahdrac, Queisnerova, Rohling, Sonmar, Silink,  
Vohnout.

Inst : Prague Inst. of Pharmacy and Biochemistry.  
Title : Our Experience With Thyreotropin.

Orig Pub: Casop. Lekaru ceskych, 1957, 96, No 33-34,  
1075-1082.

Abstract: No abstract.

Card 1/1

95

CZECHOSLOVAKIA

FELT, V., ROHLING, S., HAVELKA, J., HLADOVEC, J., and VOHNOUT, S., Research Institute of Endocrinology (Vyzkumný ustav endokrino-logickej), Prague, Docent K. SILINK, MD, director; and Research Institute for Pharmacy and Biochemistry (Vyzkumný ustav pro farmacie a biochemii), Prague, Engr J. NEMECEK, director.

"Distribution of  $^{14}\text{C}$ -Cholesterol in the Liver, Lung, Heart, and Kidney of Rabbits in Three Stages of Experimental Atherosclerosis"

Prague, Casopis Lekaru Ceskych, Vol CII, No 37, 13 September 63,  
pp 1007-1011.

Abstract [Authors' English summary]: The distribution of radioactivity in organs after an intravenous administration of  $^{14}\text{C}$ -cholesterol in rabbits during three stages of experimental atherosclerosis was essentially the same as in a control group. During the stationary stage the radioactivity was highest in the liver as a manifestation of an increased elimination of cholesterol from the organism. During the regressive stage the concentration declined most rapidly in the heart and most slowly in the liver. Eight references.

1/1

SOUMAR, Josef; BEDNAR, Jiri; RÜHLING, Svatopluk

Determination of protein-bound iodine in thyroid function tests. Vnitri lek. 11 no.11:1090-1096 N '65.

I. Vyzkumný ustav endokrinologicky v Praze (prednosta doc. MUDr. Karel Silink, Dr.Sc.).

FELT, V.; ROHLING, S.; HAVELKA, J.; HLADOVEC, J.; VOHNOUT, S.

Distribution of 4-C<sub>14</sub>-cholesterol in the liver, lungs, heart  
and kidneys in rabbits in 3 developmental phases of experi-  
mental arteriosclerosis. Cas. lek. cesk. 102 no.37:1007-1011  
13 S '63.

1. Vyzkumny ustav endokrinologicky, Praha, reditel doc. dr.  
K. Silink. Vyzkumny ustav pro farmacii a biochemii, Praha,  
reditel inz. J. Nemcek.  
(CHOLESTEROL) (LIPID METABOLISM) (LIVER)  
(HEART) (LUNG) (KIDNEY) (ARTERIOSCLEROSIS)  
(CARBON ISOTOPES)